## ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE			
FEE DETERMINATION						
O.I.P.E. CLASSIFIER						
FORMALITY REVIEW	4		1010010			
RESPONSE FORMALITY REVIEW	1	1	1, 6/2016			
	1/1					

## **INDEX OF CLAIMS**

•	Rejected	Ν.	Non-elected
	Allowed		Interference
. —	(Through numeral) Canceled	Α	Appeal
÷	Restricted		Objected

	<u> </u>				
Claim			Date		
	3/3	3/3	13/3/	T	T
Final	33	13/2	21/21		`\ .
Final	12/2	17/7	13/2	11	
		VV	IJ≓l	$\dashv$	$\dashv$
2 2		1 1	1,15	-1-	
2 2	++++	╁┼┼	<del>-                                    </del>	+	+
14/1	H		HH	$\dashv$	
5 3 x 10		1-1-1-	<del>┞╂┊</del> ╁┼	$\dashv$	$\dashv$
6		HH	┞╂┼╂┼	$\dashv$	
7 7	+++	<del>                                     </del>	┝╂┼╂┼	+	+
// 8	+++	+++		$\dashv \dashv$	
8 9	+++	-}-}-	╂╂╂		
/3 10	╌╂┼╂┪	+++	<del>┤┋┋</del>	++	44
14 11	H	HH	++++		
9 12	+ + +	╂┼╂╌	+++	+	$\dashv$
10 13	++++	+++	++++		44
<del>                                      </del>	-}- -	+++	++++	+	41
/5 14	<del>}</del>	4111	<del>/        </del>	+	$\perp \! \! \perp \! \! \! \perp$
/2 15	111	41-11	<del>                                     </del>	+ +	Щ
16 16	###		++++		$\bot$
1217	+++	-11-71	HH	-	Ш
18 18	##	-  -	$\Box \Box$	4	Ш
2020 2/21	111	HH			$\perp$
2020	$\Box$	Ші			1 1
2/21	Ш	$\prod$	ШТ	TT	
2 2 22		$\Pi\Pi$	$\Pi\Pi$	$\top \top$	$\Box$
2323		$\Pi\Pi$	$\Pi\Pi$		$\top$
24/24		$\Pi\Pi$	$\Pi\Pi$		$\top$
2 5 25		Ш		$\top$	$\top$
26 26		$\Pi$		$\top$	$\top$
27 27			$\Pi\Pi$	$\top$	$\top$
2 7 28	$\prod$	Ш	$\Pi U$	$\top \top$	
29 20	1	VII	111	11	11
35/30		= 7	1	1 +	+1
31	$\top$			$\top$	<del>                                      </del>
32	$\top$	$\top$		++	++
33	77	$\uparrow \uparrow$	- -	$\dagger +$	$\forall$
34	11	17	++	1-1-	+
35	$\top$	1	11	1 1-	+
36	11	++	1	++	+
37	11	$\dashv \dashv$	++	<del>    -</del>	$\forall$
38	++	$\dashv$	++	+	+
39	$\top$	++	<del>      -</del>	<del>                                     </del>	+
40	7	++	<del>   -</del>	++	+
41	十'十	++	++	++-	++
. 42	1	++	++	+-	+
43	┪—	++		++	$\vdash$
44	++	$\dashv$	+-	┼┼-	+
45	++	++	+	$\vdash \vdash$	$\vdash$
	++	++		1	$\sqcup$
46	+-+	++	++	$\sqcup \bot$	Ш
47	++		+	$\sqcup \!\! \perp$	igspace
-	++	++-	+	$\perp \perp$	$\sqcup$
49	+-	++			$\sqcup$
50					

			_			_				_			_				_		
19	Cla	im	L	_	_	,	_	,	_	C	at	е			,	_	_	_	
] . i	Final	Original							ĺ										
Г		51		7	_	T	_	T		Г	٦		Ť		t			T	
		52		T		T		T					T	_	T	7	_	T	
		53		T							7		T		Τ	1		T	
	-	54		Ι	_	L		L							Ī			1	
L	_	55		1		L		L	_	_									
$\perp$		56		$\downarrow$		L	_	L	4	_	4		$\perp$		L	4		L	
F		57	_	+		L		L	4		4		4	_	L	4	_	L	
-	-	58	_	+-	_	L	_	L	4	_	4		+-		L	4		↓_	
$\vdash$		59 60		╁	-	┝		H	+	_	+		+		-	+		$\vdash$	
$\vdash$	_	61	_	╁	-	H	_	-	+	-	┽		╁	-	┝	+		╀	
H	_	32		✝	_	H	7	H	+	-	+	-	+		<u> </u>	+	_	╁	
r	1	63		Ť	7	_		H	†		†	_	+	_		+	-	$\vdash$	
	16	34	_	T	٦				1	_	†		T		Т	$\dagger$		-	
	E	55		Ţ					Ť	_	T		1		_	1		T	
L	_	6		$\Box$						_	I		Γ			T			
L	-	7	_	L	_		_				1		L			I	_		
L	-	8		┞	1		4		4	_	1		L	4	_	1		_	
L	-	9	_	↓_	4	_	4		4	_	1		╀	4	_	1	_		
L		0	_	L	4		4	_	ļ		1		L	4		1	_	L	
⊢	_	11		-	4	_	4	_	$\downarrow$	_	+		-	4		╀		_	
┝		2	_	⊢	+		1	_	+	_	1	_	⊢	4		4	4	_	_
$\vdash$	+	4		H	+	_	+	_	╁		╁	-	$\vdash$	+		╀	_		
H	-	5		$\vdash$	+		+	-	+	-	+	-	┝	+	_	╁	-		-
$\vdash$	7	_	_		†	-	t		t		t		╁╴	1		t	٦	_	
Г	7	7			1		t	-	t	_	t	_	T	+		t	7		
	7	8			1		1	_	T	_	T		Γ	1		T	7		
	7	_			I				I										
L	8	-			ļ	_	ļ				L		L	I		I			
ļ	8				1	_	1		Ļ	_	L		_	1	_	L	_		
<u> </u>	8:	-	-		+		ļ	_	Ļ		Ļ	_	_	ļ		L	4		ļ
┝	8	—	-	_	╀		╀		╀		$\vdash$	_	L	+		┞	+	_	ł
	8		┪		t		ł		+	_	┞	-		+		├	+		
	86		7	_	t	_	t		H		H	4	_	+	_	H	+		l
	87	7	1		t		t	_	t	_	H		_	t		F	+		i
	88	3	T		t	_	T		T		T	٦		t		-	†	_	
	89	9	Ī		Γ				T		Г	٦		T		T	Ť		l
	90	)												Ī			T		١
	91	_												T			1		l
	92		4	_	L	_											I		
	93	~-	4		L	_	L		L	_		$\downarrow$		L		Ĺ	Ţ		١
	94	_	4		L	_	L		_	_	_	4		L	_	L	1	╛	
	95 96		+		H	4	L	_	H	4		4		-		Ļ.	4	_	
-	96		+		L	-	_	_	-	4		4		L	4	_	4-	4	
_	98		+	_	┞	4	_	-	H	4		4		├	-		+	-	
=	99		$\dagger$	_	-	-	-	٦		+		+		╁	-	-	+	$\dashv$	
	-		_		_					_1		_ [						- 1	

С	laim		-	_	_	_		)a	te	_	-	_			
Ė				T			T	_	Ĕ	T	-	Г	Т	$\neg$	
Final	Original	-												1	
	101		Г	T	٦	_	+		1	$^{\dagger}$	_		+	$\dagger$	
	102			Ť	$\neg$	_	Ť		Г	†			t	7	
	103			T	7		1		-	Ť	_		†-	†	
	104			İ		_	T			Ť	T	_	+	十	_
L	105			L			Τ						1	T	
L	106			L			$\perp$			Γ			Τ	T	_
	107			ļ	_		1		_	$\perp$					
$\vdash$	108	_		Ļ	4	_	ļ	_		1		_	L	1	_
-	109	4		╀	4		4	4		╀	4	_	╀	4	
$\vdash$	110	-		1	4	_	╀	4		1	4	_	╀	4	_
-	112	$\dashv$		ł	+	_	+	4		╀	4	_	╀	+	_
$\vdash$	113	$\dashv$	_	╀	+		╀	4	_	╀	+		╀	+	4
$\vdash$	114	-		$\vdash$	+	_	╁	$\dashv$		╁	+	_	╀	+	$\dashv$
-	115	$\dashv$	_	H	+		+	+	_	╁	+	_	╁	╁	┥
	116	7		t	†		t	+		+	+	-	✝	+	٦
	117	7		Г	1	_	T	1		Ť	1		H	✝	┪
	118			Г	1			1		T	1	_	T	Ť	┪
	119				Ī	_		T		Γ	T			T	
L	120				T			T		Г	Ī			T	٦
	121	$\prod$			Ι	_					T	_		T	٦
L.,	122				Ī	_		I			I			Τ	
_	123	4		_	1		L	1		L	1				
$\vdash$	124	4	_	_	1		L	1	_	L	1		L	L	_
Н	125	4	_		+	_	L	1		L	1	_	Ļ.	$\perp$	4
	126 127	+	-	_	1	_	-	+		L	4	_	-	╀	4
	128	+	-	_	╀	_	⊢	+	_	$\vdash$	╀		_	+	4
$\rightarrow$	129	╁	$\dashv$		╁		-	+	_	-	+	-	_	╀	$\dashv$
	130	$\dagger$	_		t	_	-	+		-	╁	_	-	╁	$\dashv$
$\vdash$	131	十	7	_	+		_	t		-	t	7		+	1
	132	+	7		t	_	-	t	_		t	٦	_	t	1
	133	1			T			†			t	┪		T	1
	134	I						T			T		_	T	1
Ш	135	Ţ			L			I			L				
	136	$\perp$	_		L	_		L			L				]
	137	4-	4		L	4		L	4		L	4	_	L	1
$\rightarrow$	38	+	4	_	L	-		Ł	4		L	4		┖	1
	39	+	+	_	H	+		╀	4		L	4		_	-
$\rightarrow$	40 141	+	+	_	-	+		H	4		L	4	_	_	4
	142	+	+	_	L	4		L	4		L	4	_	_	4
- ;	43	+	+		⊢	+	_	H	+		-	4	_	L	-
	44	+-	+	_	-	+	_	├	+		1	+	_	-	1
	45	╁	+		-	+	_	$\vdash$	+	_	-	+	-	-	+
	46	╁	+	_	-	+		H	+		-	+	_	$\vdash$	+
	47	$\dagger$	†		$\vdash$	+		H	+	_	H	+	$\dashv$		1
	48	1	$\dagger$	_	-	+	_	-	$\dagger$		-	+	$\dashv$	_	1
1	49		Ţ			†	_	Г	1			†	1		1
1	50	Τ				T			1			1		_	1